

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: R.O. Campbell et al. Attorney Docket No.: WEYE121558
Application No.: Not Yet Assigned Group Art Unit: Not Yet Assigned
Filed: December 9, 2003 Examiner: Not Yet Assigned
Title: REFINER BLEACHING WITH MAGNESIUM OXIDE AND HYDROGEN
PEROXIDE

INFORMATION DISCLOSURE STATEMENT

Seattle, Washington 98101

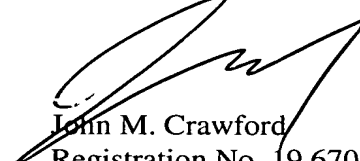
December 9, 2003

TO THE COMMISSIONER FOR PATENTS:

Applicants are aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

1. X This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior Application No. 09/860,025, filed May 16, 2001. The references listed on the attached form were submitted to and/or cited by the Patent and Trademark Office in this prior application and, therefore, are not required to be provided in this application.
2. X This Information Disclosure Statement is being filed concurrently with the above-identified application.

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INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE
PROSECUTION OF THE SUBJECT APPLICATION

Applicants: A. Parrish et al. Attorney Docket No. WEYE121558/25298

Title: REFINER BLEACHING WITH MAGNESIUM OXIDE
AND HYDROGEN PEROXIDE

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
_____	U1	H1,690	A	11/04/1997	Nye
_____	U2	4,106,979	A	08/15/1978	Ruffini et al.
_____	U3	4,270,976	A	06/02/1981	Sandstrom et al.
_____	U4	4,311,553	A	01/19/1982	Akerlund et al.
_____	U5	4,363,699	A	12/14/1982	DeCeuster et al.
_____	U6	4,675,076	A	06/23/1987	Darlington
_____	U7	4,718,980	A	01/12/1988	Lowrie et al.
_____	U8	4,804,440	A	02/14/1989	Liebergott et al.
_____	U9	4,812,206	A	03/14/1989	Devic et al.
_____	U10	6,398,908	B1	06/04/2002	Hermansson et al.
_____	U11	6,524,437	B1	02/25/2003	Vincent et al.

FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English Abstract Provided	Translation Provided
_____	F1	AU A 41044/99	A1	10/02/2000	Australia		
_____	F2	CA 2,278,399	A1	01/21/2000	Canada		
_____	F3	WO 96/41917	A1	12/27/1996	WIPO		

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OTHER INFORMATION
(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.
_____	O1 Anderson, J.R., and B. Amini, "Chap. 10: Hydrogen Peroxide Bleaching," in C.W. Dence and D.W. Reeve (eds.), <i>Pulp Bleaching: Principles and Practice, Section IV: Chemical Pulp Bleaching</i> , TAPPI Press, Atlanta, 1996, pp. 411-442.
_____	O2 Arnevik, T.A., and N. Soteland, "Peroxide Bleaching of Mechanical Pulps at High Consistency," <i>Proceedings of International Mechanical Pulping Conference</i> , Helsinki, June 6-8, 1989, pp. 201-212.
_____	O3 Bambrick, D.R., "The Effect of DTPA on Reducing the Peroxide Consumption," <i>TAPPI</i> 68:96-100, 1985.
_____	O4 Dionne, P.Y., et al., "Soda Ash and Magnesium Oxide -- Alkali Sources for the Bleaching of Mechanical Pulp," <i>Paper Technology</i> , April 1995, pp. 29-34.
_____	O5 Dionne, P.Y., et al., "The Use of Soda Ash and Magnesium Oxide as Alkali Sources for the Hydrogen Peroxide Bleaching of Mechanical Pulp," <i>The 18th International Mechanical Pulping Conference</i> , Oslo, Norway, June 15-17, 1993, pp. 403-408.
_____	O6 Hill, R., et al., "High Temperature Peroxide Bleaching of Mechanical Pulps," <i>Pulping Conference Book 1</i> , Nashville, Tennessee, October 27-31, 1996, pp. 349-360.
_____	O7 Kuczynski, K., et al., "DTPMPA: Polyamino Polyphosphonic Acid and Its Use in Paper Processes," <i>TAPPI Journal</i> 71:171-174, 1988.
_____	O8 Künzel, U., et al., "Smoothing the Way," <i>Paper</i> , April 1993, pp. 30-33.
_____	O9 Kutney, G.W., and T.D. Evans, "Peroxide Bleaching of Mechanical Pulps: Part 2. Alkali Darkening-Hydrogen Peroxide Decomposition," <i>Svensk Papperstidn</i> 88:R84-R89, 1985.
_____	O10 Ni, Y., et al., "Improved Transition Metal Removal in a Reducing Agent-Assisted Chelation Stage: A Laboratory Study," <i>Pulp Pap. Can.</i> 99:77-79, 1998.
_____	O11 Nyström, M., et al., "Peroxide Bleaching of Mechanical Pulp Using Different Types of Alkali," <i>Paperi Ja Puu</i> 75:419-425, 1993.
_____	O12 Prasakis, J., et al., "Metal Management Improves Peroxide Bleaching of TMP," <i>TAPPI</i> 79:161-166, 1996.

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- _____ O13 Presley, J.R., and R.T. Hill, "Chap. 1: Peroxide Bleaching of (Chemi)mechanical Pulps," in C.W. Dence and D.W. Reeve (eds.), *Pulp Bleaching: Principles and Practice, Section V: The Technology of Mechanical Pulp Bleaching*, TAPPI Press, Atlanta, 1996, pp. 457-489.
- _____ O14 Pykäläinen, J., et al., "COD Decrease With New Alkalis in Peroxide Bleaching of Mechanical Pulps," *Proceedings of the 18th International Mechanical Pulping Conference*, Oslo, Norway, June 15-17, 1993, pp. 154-157.
- _____ O15 Soteland, N., et al., "Use of MgO and CaO as the Only Alkaline Source in Peroxide Bleaching of High-Yield Pulps," *Proceedings of the International Pulp Bleaching Conference*, Orlando, Florida, 1988, pp. 231-236.
- _____ O16 Stark, H., and M.H. Diehold, "High Temperature Bleaching of Wood Pulps by Hydrogen Peroxide," *Wochensblatt für Papierfabrikation* 17(21):959-962, 1989.

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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